

Work Order ID 74510

Monday, October 03, 2011 2:37:05 PM

Page 1

Item ID: D3536-23

Accept

Setup Start

Revision ID:

Stop

Item Name: Gasket

Start Date: 9/30/2011 Start Qty: 12.00

Required Date: 10/14/2011 Req'd Qty: 12.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: M.C.J.

Date: 11/10/03

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3536	Rev A								

100

0.00



FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3536 ☐ Dwg Rev: A ☐ Prog Rev: A ☐ 2-
Deburr if necessary

B11-10-11

(12)

110

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

B11-10-11

120

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

8/11/01/2

(12)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 74510

Monday, October 03, 2011 2:37:05 PM



Page 2

Item ID: D3536-23

Accept



Setup Start



Revision ID:

Stop



Item Name: Gasket

Start Date: 9/30/2011 Start Qty: 12.00



Cust Item ID:

Required Date: 10/14/2011 Req'd Qty: 12.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

i30

Identify as per dwg & Stock Location

EP

0.00



Packaging

Memo

0.00

Packaging

1441/2 (12)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/10/12 ME 11-10-12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, October 03, 2011 2:37:09 PM

Page 1

Work Order ID: 74510

Parent Item: D3536-23

Parent Item Name: Gasket





Start Date: 9/30/2011

Required Date: 10/14/2011

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP Rev:A New Issue 07-02-14 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MNEO60S.063 		Purchased	No			100	sf	636.8500	1.3365	17.82			
NEOPRENE SHEET 0.063													

B11-10-11

Location

Loc Qty

Loc Code

MAT052

636.85

117295

55.68

118026

127.87

118663

73.3

119130

380

119130

12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order: 74510
Description: Gasket		Part Number: D3536-23
Inspection Dwg: D3536	Rev: A	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
52.85	+/-0.030	52.85	✓		T BCU	
48.20	+/-0.030	48.26	✓		T	
44.70	+/-0.030	44.70	✓		T	
39.31	+/-0.030	39.31	✓		T	
33.92	+/-0.030	33.92	✓		T	
28.53	+/-0.030	28.53	✓		T	
23.14	+/-0.030	23.14	✓		T	
17.75	+/-0.030	17.75	✓		T	
14.25	+/-0.030	14.25	✓		T	
9.50	+/-0.030	9.50	✓		T	
4.75	+/-0.030	4.75	✓		T	
8.00	+/-0.030	8.00	✓		T	
16.00	+/-0.030	16.00	✓		T	
24.00	+/-0.030	24.00	✓		T	
32.00	+/-0.030	32.00	✓		T	
39.00	+/-0.030	39.00	✓		T	
48.00	+/-0.030	48.00	✓		T	
0.30	+/-0.030	0.303	✓		U	
0.30	+/-0.030	0.307	✓		U	
1.89	+/-0.030	1.888	✓		U	
Ø0.19	+0.005/-0.001	0.194	✓		U BCU	

Measured by: B	Audited by: S	Prototype Approval:	N/A
Date: 11-10-11	Date: 11/10/12	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	07.03.14	New Issue	KJ/JLM	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

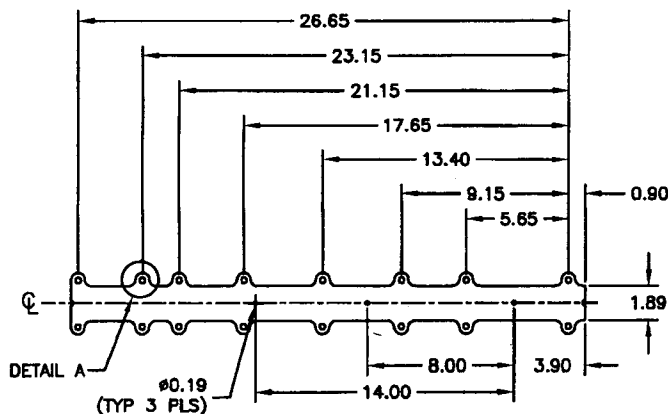
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

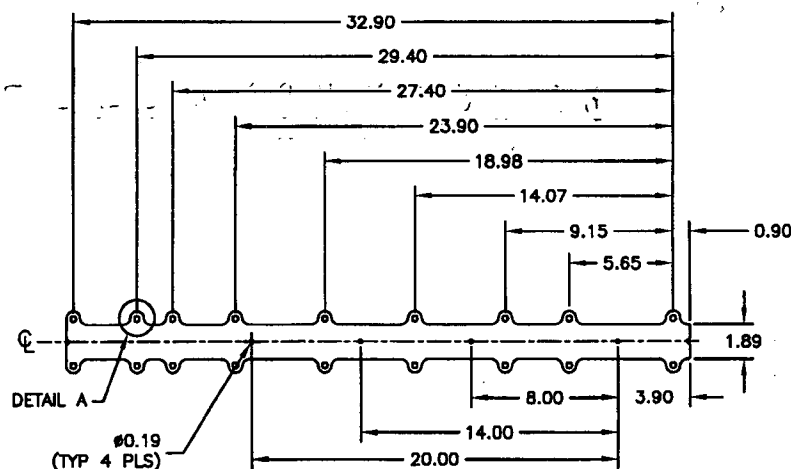
DART

RELEASED
09-02-12

SHC
REVIEW
ENGINEER
UNCONTROLLED
SUBJECT TO
WITH
WORK
NO. 74510 M.C.J
11/10/03



D3536-11 GASKET



D3536-13 GASKET

NOTES

- 1) MATERIAL: BLACK NEOPRENE SHEET, 1/16 THICK, 60 DUROMETER (REF DART SPEC. M-NE060-S.063)
- 2) FINISH: NONE
- 3) PART IS SYMMETRICAL ABOUT ϕ
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) IDENTIFY WITH DART P/N USING A WHITE FINE POINT PERMANENT INK MARKER
- 7) SEE PAGE 6 FOR DETAILS AND SECTION

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.	REV. A
CB	CB	PORT HADLOCK, WA	
CHECKED PH	APPROVED PH	DRAWING NO. D3536	SHEET 1 OF 6
DATE 06.10.25		TITLE GASKET	SCALE 1:10
A	06.10.25	NEW ISSUE	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector


Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

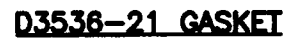
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

07.02.12

DESIGN CB	DRAWN BY CB	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED PH	APPROVED 	DRAWING NO. D3536	REV. A SHEET 2 OF 6
DATE 06.10.25	TITLE GASKET		SCALE 1:10



- 1) MATERIAL: BLACK NEOPRENE SHEET, 1/16 THICK, 60 DUROMETER (REF DART SPEC. M-NEO60-S.063)
- 2) FINISH: NONE
- 3) PART IS SYMMETRICAL ABOUT C
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) IDENTIFY WITH DART P/N USING A WHITE FINE POINT PERMANENT INK MARKER
- 7) SEE PAGE 6 FOR DETAILS AND SECTION

Copyright © 2006 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

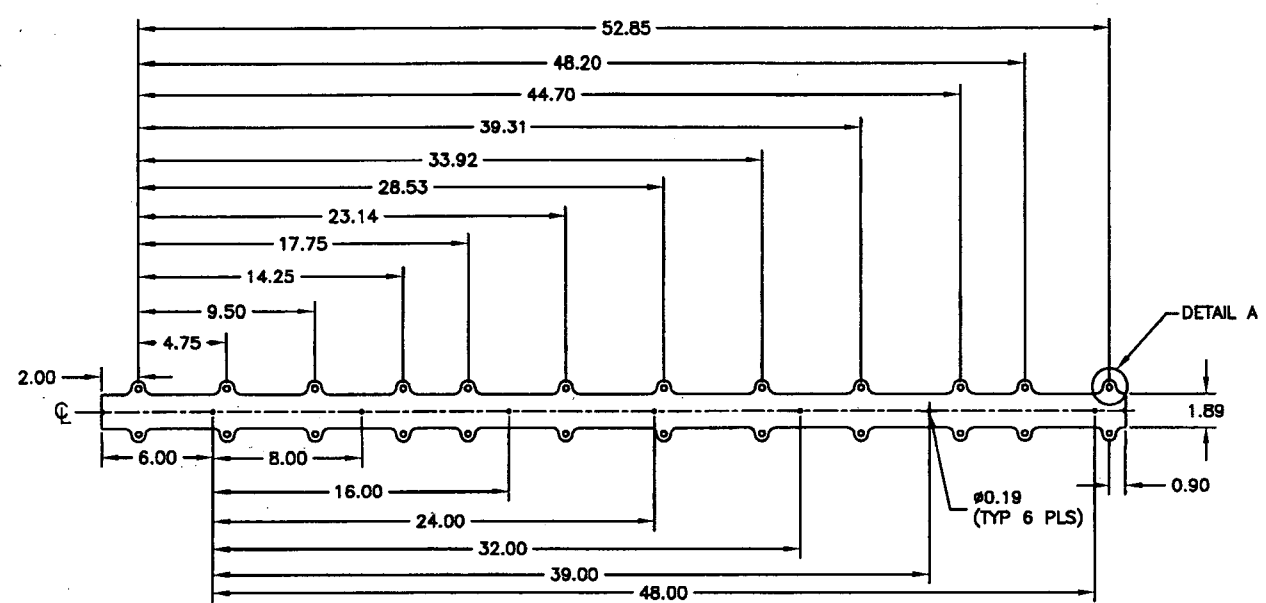
NOTE: Date & initial all entries

74510



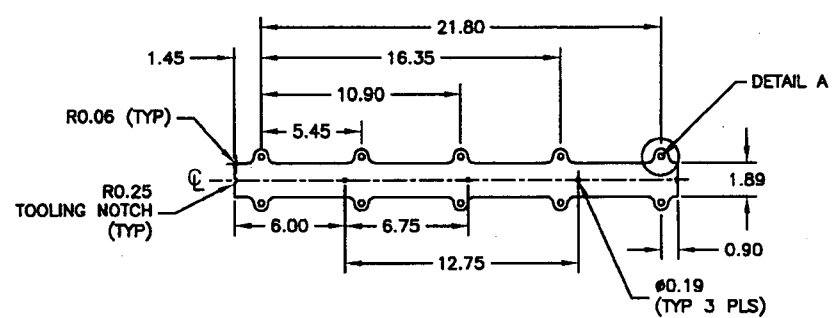
DESIGN	DRAWN BY	DART AEROSPACE USA, INC.	
CB	CB	PORT HADLOCK, WA	
CHECKED PH	APPROVED PH	DRAWING NO. D3536	REV. A
DATE 06.10.25	TITLE GASKET	SHEET 3 OF 6	
		SCALE 1:10	

RELEASED
07.02.12



D3536-23 GASKET

- NOTES**
- 1) MATERIAL: BLACK NEOPRENE SHEET, 1/16 THICK, 60 DUROMETER (REF DART SPEC. M-NE060-S.063)
 - 2) FINISH: NONE
 - 3) PART IS SYMMETRICAL ABOUT ϕ
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) IDENTIFY WITH DART P/N USING A WHITE FINE POINT PERMANENT INK MARKER
 - 7) SEE PAGE 6 FOR DETAILS AND SECTION



D3536-25 GASKET

Copyright © 2006 by DART AEROSPACE USA, INC.
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

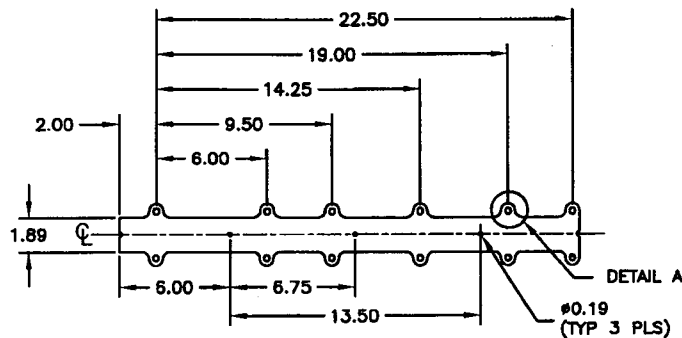
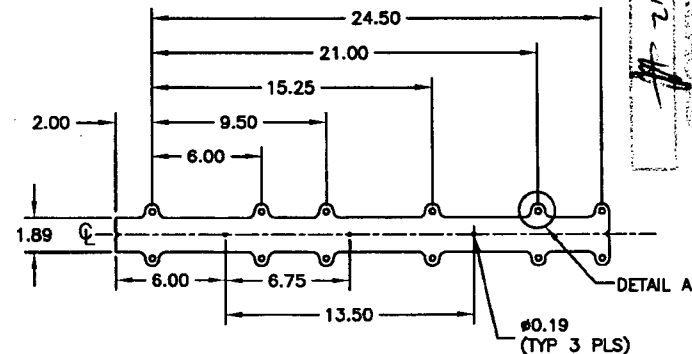
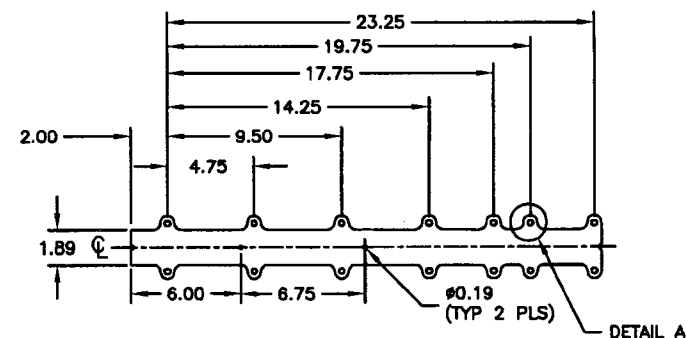
NOTE: Date & initial all entries

74510

DART

DESIGN	CB	DRAWN BY	CB	DART AEROSPACE USA, INC.	
CHECKED	PH	APPROVED	PH	PORT HADLOCK, WA	
DATE	06.10.25	TITLE	GASKET	DRAWING NO.	D3536
				SHEET 4 OF 6	
		SCALE	1:10	REV. A	

RELEASED
07.02.12

**D3536-31 GASKET****D3536-33 GASKET****D3536-35 GASKET****NOTES**

- 1) MATERIAL: BLACK NEOPRENE SHEET, 1/16 THICK, 60 DUROMETER (REF DART SPEC. M-NEO60-S.063)
- 2) FINISH: NONE
- 3) PART IS SYMMETRICAL ABOUT C
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) IDENTIFY WITH DART P/N USING A WHITE FINE POINT PERMANENT INK MARKER
- 7) SEE PAGE 6 FOR DETAILS AND SECTION

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

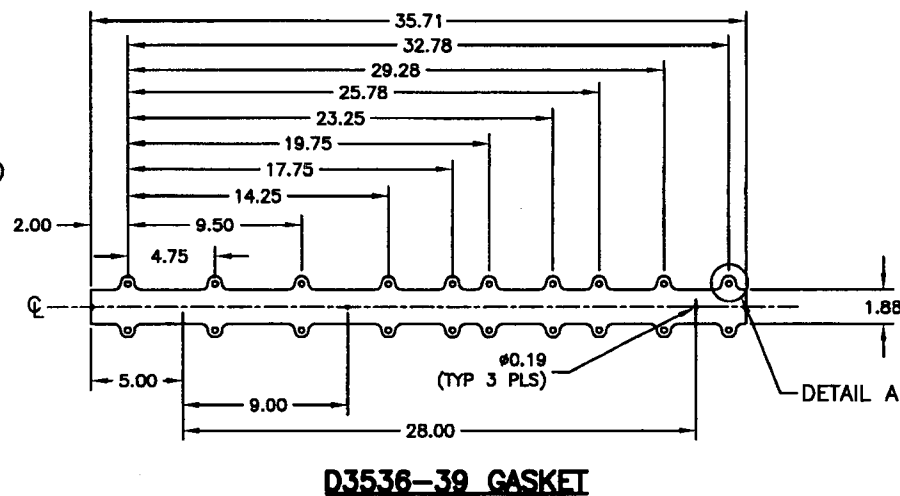
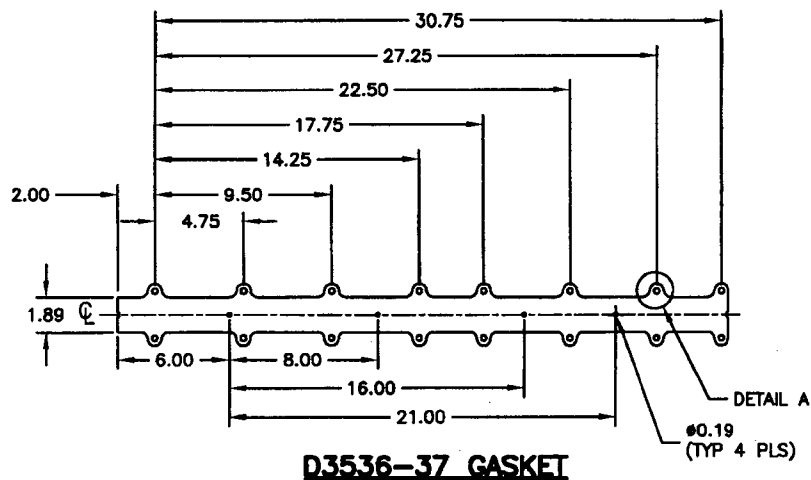
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN	C.B.	DRAWN BY	C.B.	DART AEROSPACE USA, INC.
CHECKED	PH	APPROVED	PH	PORT HADLOCK, WA
DATE	06.10.25	TITLE	D3536	REV. A
			GASKET	SHEET 5 OF 6
				SCALE 1:10

07.02.02
07.02.02
07.02.02



NOTES

- 1) MATERIAL: BLACK NEOPRENE SHEET, 1/16 THICK, 60 DUROMETER (REF DART SPEC. M-NEO80-S.063)
- 2) FINISH: NONE
- 3) PART IS SYMMETRICAL ABOUT ϕ
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) IDENTIFY WITH DART P/N USING A WHITE FINE POINT PERMANENT INK MARKER
- 7) SEE PAGE 6 FOR DETAILS AND SECTION

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

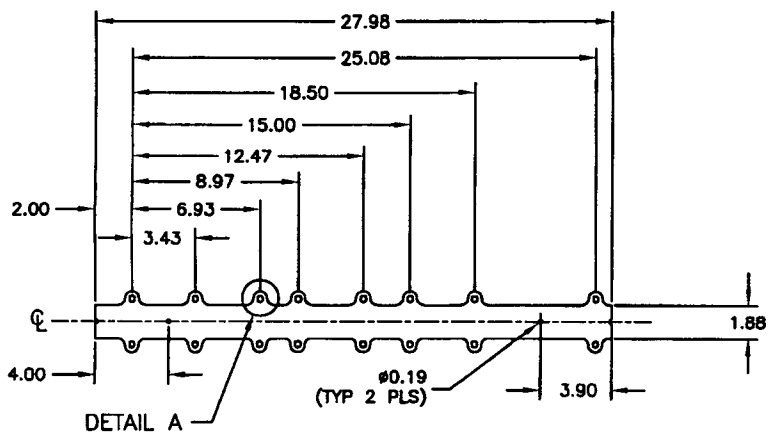
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN CB	DRAWN BY CB	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED PH	APPROVED PH	DRAWING NO. D3536	REV. A
DATE 06.10.25	TITLE GASKET	SHEET 6 OF 6	SCALE 1:10

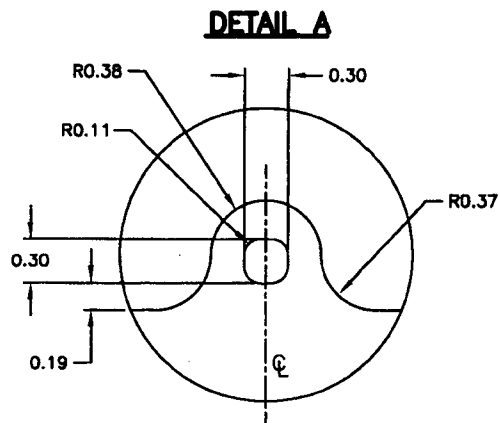
07.02.12 **CH**



D3536-41 GASKET

NOTES

- 1) MATERIAL: BLACK NEOPRENE SHEET, 1/16 THICK, 60 DUROMETER (REF DART SPEC. M-NEO60-S.063)
- 2) FINISH: NONE
- 3) PART IS SYMMETRICAL ABOUT ϕ
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) IDENTIFY WITH DART P/N USING A WHITE FINE POINT PERMANENT INK MARKER



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries